

524 Rec'd PTO 29 OCT 1999

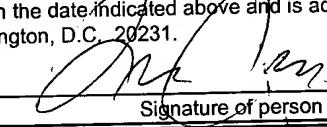
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Certificate of Mailing

Date of Deposit October 29, 1999Label Number: EJ770213355US

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to BOX PATENT APPLICATION, Assistant Commissioner of Patents, Washington, D.C. 20231.

Luis A. Cruz
Printed name of person mailing correspondence


Signature of person mailing correspondence

Substitute Form PTO 1390 U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket Number: <u>06132/054001</u>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. Application Number:
INTERNATIONAL APPLICATION NUMBER	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US98/08890	30 April 1998	30 April 1997
TITLE OF INVENTION:		ANTI-HELICOBACTER VACCINE COMPOSITION FOR USE BY THE SUBDIAPHRAGMATIC SYSTEMIC ROUTE, AND COMBINED MUCOSAL/PARENTERAL IMMUNIZATION METHOD
APPLICANTS FOR DO/EO/US:		Bruno Guy, Jean Haensler, Cynthia K. Lee, Richard A. Weltzin, Thomas P. Monath
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2.	<input type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3.	<input checked="" type="checkbox"/>	This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.	<input checked="" type="checkbox"/>	A proper Demand for International Preliminary Examination was made by the 19 th month from the earliest claimed priority date.
5.	<input checked="" type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
a.	<input checked="" type="checkbox"/>	is transmitted herewith (required only if not transmitted by the International Bureau).
b.	<input type="checkbox"/>	has been transmitted by the International Bureau.
c.	<input type="checkbox"/>	Is not required, as the application was filed with the United States Receiving Office (RO/US).
6.	<input type="checkbox"/>	A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.	<input checked="" type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
a.	<input type="checkbox"/>	are transmitted herewith (required only if not transmitted by the International Bureau).
b.	<input checked="" type="checkbox"/>	have been transmitted by the International Bureau.
c.	<input type="checkbox"/>	have not been made; however, the time limit for making such amendments has NOT expired.
d.	<input type="checkbox"/>	have not been made and will not be made.
8.	<input type="checkbox"/>	A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.	<input checked="" type="checkbox"/>	An unsigned oath or declaration of the inventors (35 U.S.C. 371(c)(4)).
10.	<input type="checkbox"/>	A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

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11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.																																																																													
12.	An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.																																																																													
13.	<input checked="" type="checkbox"/> A FIRST preliminary amendment.																																																																													
	A SECOND or SUBSEQUENT preliminary amendment.																																																																													
14.	A substitute specification.																																																																													
15.	A change of power of attorney and/or address letter.																																																																													
16.	Other items or information:																																																																													
17.	<p>The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492(A)(1)-(5)):</p> <table> <tr> <td>Search Report has been prepared by the EPO or JPO</td> <td>\$ 930.00</td> <td></td> </tr> <tr> <td>International preliminary examination fee paid to USPTO (37 CFR 1.482)</td> <td>\$ 720.00</td> <td>\$ 720.00</td> </tr> <tr> <td>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee (37 CFR 1.445(a)(2)) paid to USPTO</td> <td>\$ 790.00</td> <td></td> </tr> <tr> <td>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO</td> <td>\$ 1070.00</td> <td></td> </tr> <tr> <td>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)</td> <td>\$ 98.00</td> <td></td> </tr> </table> <p>ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 720.00</p> <p>Surcharge of \$130 for furnishing the oath or declaration later than <input type="checkbox"/> 20 OR <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <table> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td></td> </tr> <tr> <td>Total claims</td> <td>19 - 20 =</td> <td>0</td> <td>x \$22.00</td> <td>\$ 0.00</td> </tr> <tr> <td>Independent claims</td> <td>3 - 3 =</td> <td>0</td> <td>x \$82.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="3">Multiple dependent claims (if applicable)</td> <td>+ \$270.00</td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 720.00</td> </tr> <tr> <td colspan="4">Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed with this request (Note 37 CFR 1.9, 1.27, 1.28).</td> <td>\$</td> </tr> <tr> <td colspan="4">SUBTOTAL =</td> <td>\$</td> </tr> <tr> <td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 OR <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL NATIONAL FEE =</td> <td>\$</td> </tr> <tr> <td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.</td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL FEES ENCLOSED =</td> <td>\$ 720.00</td> </tr> <tr> <td colspan="4"></td> <td>Amount to be refunded</td> </tr> </table>			Search Report has been prepared by the EPO or JPO	\$ 930.00		International preliminary examination fee paid to USPTO (37 CFR 1.482)	\$ 720.00	\$ 720.00	No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee (37 CFR 1.445(a)(2)) paid to USPTO	\$ 790.00		Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO	\$ 1070.00		International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)	\$ 98.00		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total claims	19 - 20 =	0	x \$22.00	\$ 0.00	Independent claims	3 - 3 =	0	x \$82.00	\$ 0.00	Multiple dependent claims (if applicable)			+ \$270.00	\$	TOTAL OF ABOVE CALCULATIONS =				\$ 720.00	Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed with this request (Note 37 CFR 1.9, 1.27, 1.28).				\$	SUBTOTAL =				\$	Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 OR <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	TOTAL NATIONAL FEE =				\$	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				\$	TOTAL FEES ENCLOSED =				\$ 720.00					Amount to be refunded
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a.	X	A check in the amount of \$ 720.00 to cover the above fees is enclosed.
b.		Please charge my Deposit Account No. 03-2095 in the amount of \$ [*.*] to cover the above fees.
c.	X	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 03-2095. A duplicate copy of this sheet is enclosed.
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.		
SEND ALL CORRESPONDENCE TO:		
Paul T. Clark Clark & Elbing LLP 176 Federal Street Boston, MA 02110-2214 Telephone: 617-428-0200 Facsimile: 617-428-7045		<p><i>Susan M. Michaud</i> Signature Susan M. Michaud Reg. No. 42,885</p>

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